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*AF/2154 12W*  
RESPONSE UNDER 37 C.F.R. § 1.116  
EXPEDITED PROCEDURE  
EXAMINING GROUP 2154

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

U.S. Patent Application of	)	
KENNETH C. CRATER, et al.	)	Examiner: VU, Viet Duy
	)	
Application No. 09/436,368	)	Conf. No.: 6513
	)	
Filed: November 8, 1999	)	Art Unit: 2154
	)	
For: DISTRIBUTED INTERFACE ARCHITECTURE FOR PROGRAMMABLE INDUSTRIAL CONTROL SYSTEMS	) ) ) )	Attorney Docket No.: SAA-CTC-2 (402P337)

**AMENDMENT TRANSMITTAL**

MAIL STOP AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Transmitted herewith is a Response to Final Office Action Dated July 13, 2005.

No additional claim fees are required, as shown below:

					Small Entity			Other Than Small Entity	
	Claims Remaining After Amendment	Highest Number Previously Paid For	Present Extra		Rate	Additional Fee		Rate	Additional Fee
Total	34	- 144	= 4		x \$ 25	-0-		x \$ 50	\$ -0-
Independent	9	- 18	= 1		x \$100	-0-		x \$ 200	-0-
First Presentation of Multiple Dependent Claims					x \$180	-0-		x \$ 360	-0-
TOTAL ADDITIONAL FEE									\$-0-

The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 23-0280.

A duplicate copy of this sheet is attached.

X Any filing fees under 37 C.F.R. 1.16 for the presentation of extra Claims.

X Any patent application processing fees under 37 C.F.R. 1.17.

Respectfully submitted,

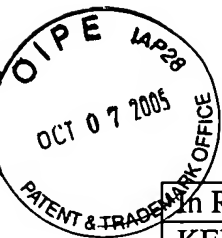
Dated: October 5, 2005

By: Richard C. Himmelhoch  
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**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail; postage prepaid, in an envelope addressed to: MAIL STOP AF, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, on October 5, 2005.

Sarah J. Goodnight  
Sarah J. Goodnight (226268)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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For: DISTRIBUTED INTERFACE	)	Attorney Docket No.: SAA-CTC-2 (402P337)
ARCHITECTURE FOR	)	
PROGRAMMABLE INDUSTRIAL	)	
CONTROL SYSTEMS	)	

**RESPONSE TO FINAL OFFICE ACTION DATED JULY 13, 2005**

MAIL STOP AF  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This is in response to the final Office Action dated July 13, 2005. This Reply is being submitted within the three month shortened statutory time period. Accordingly, no additional fee is required. Reconsideration of the referenced application, including all pending claims, is respectfully requested in light of the amendments and the remarks set forth below.

This Amendment and Reply is being submitted in a form which complies with revised 37 C.F.R. 1.121. Accordingly, all pending claims are identified by number and appropriate status identifier.

Please amend the application as follows:

**Amendments to the Claims** are reflected in the listing of the claims that begin on page 2 of this paper.

**Remarks** begin on page 8 of this paper.